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Substitute Form PTO-1449  
(Modified)

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

10296-050001

Application No.

09/616,787

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant

David F. Englert

Filing Date

July 14, 2000

Group Art Unit

1634

(37 CFR §1.902)

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,445,934	08/29/95	Fodor et al.			
	AB	5,508,169	04/16/96	Deugau et al.			
	AC	5,552,270	09/03/96	Khrapko et al.			
	AD	5,631,134	05/20/97	Cantor			
	AE	5,700,637	12/23/97	Southern			
	AF	5,714,320	02/03/98	Kool			
	AG	5,770,365	06/23/98	Lane et al.			
	AH	5,871,911	02/16/99	Dahlberg et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AI	EP0373203B1	08/31/94	Europe				
	AJ							
	AK							
	AL							
	AM							

**Other Documents (Include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AN	Bukanov et al., "PD-loop: A complex of duplex DNA with an oligonucleotide", <i>Proc. Natl. Acad. Sci. USA</i> 95:5516-5520 (1998)
	AO	Cargill et al., "Characterization of single-nucleotide polymorphisms in coding regions of human genes", <i>Nature Genetics</i> 22:231-238 (1999)
	AP	Drobyshev et al., "Sequence analysis by hybridization with oligonucleotide microchip: identification of $\beta$ -thalassemia mutations", <i>Gene</i> 188:45-52 (1997)
	AQ	Dubiley et al., "Fractionation, phosphorylation and ligation on oligonucleotide microchips to enhance sequencing by hybridization", <i>Nucl. Acids Res.</i> 25:2259-2265 (1997)
	AR	Favis et al., "Universal DNA array detection of small insertions and deletions in <i>BRCA1</i> and <i>BRCA2</i> ", <i>Nature Biotechnology</i> 18:561-564 (2000)
	AS	Griffin et al., "Direct genetic analysis by matrix-assisted laser desorption/ionization mass spectrometry", <i>Proc. Natl. Acad. Sci. USA</i> 96:6301-6306 (1999)
	AT	Gunderson et al., "Mutation Detection by Ligation to Complete <i>n</i> -mer DNA Arrays", <i>Genome Research</i> 8:1142-1153 (1998)

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10296-050001	Application No. 09/616,787
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant David F. Englert	
		Filing Date July 14, 2000	Group Art Unit 1634

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AU	Isaksson and Landegren, "Accessing genomic information: alternatives to PCR", <i>Current Opinion in Biotechnology</i> 10:11-15 (1999)
	AV	Kuhn et al., "An Experimental Study of Mechanism and Specificity of Peptide Nucleic Acid (PNA) Binding to-Duplex DNA", <i>J. Mol. Biol.</i> 286:1337-1345 (1999)
	AW	Livshits and Mirzabekov, "Theoretical Analysis of the Kinetics of DNA Hybridization with Gel-Immobilized Oligonucleotides", <i>Biophysical Journal</i> 71:2795-2801 (1996)
	AX	Mir and Southern, "Determining the influence of structure on hybridization using oligonucleotide arrays", <i>Nature Biotechnology</i> 17:788-792 (1999)
	AY	Ryan et al., "Non-PCR-Dependent Detection of the Factor V Leiden Mutation From Genomic DNA Using a Homogeneous Invader Microtiter Plate Assay", <i>Molecular Diagnosis</i> 4:135-144 (1999)
	AZ	Thomas et al., "Amplification of Padlock Probes for DNA Diagnostics by Cascade Rolling Circle Amplification or the Polymerase Chain Reaction", <i>Arch Pathol Lab Med</i> 123:1170-1176 (1999)
	AAA	Timofeev et al., "Regioselective immobilization of short oligonucleotides to acrylic copolymer gels", <i>Nucl. Acids Res.</i> 24:3142-3148 (1996)
	ABB	Wang et al., "Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome", <i>Science</i> 280:1077-1082 (1998)
	ACC	Yershov et al., "DNA analysis and diagnostics on oligonucleotide microchips", <i>Proc. Natl. Acad. USA</i> 93:4913-4918 (1996)
	ADD	Zhang et al., "Amplification of target-specific, ligation-dependent circular probe", <i>Gene</i> 211:277-285 (1998)

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